

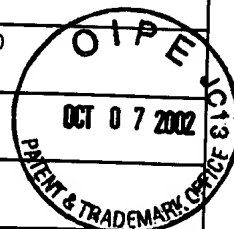
Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/490,983
				Filing Date	January 24, 2000
				First Named Inventor	Mitsuru ADACHI
				Group Art Unit	1722 1745
				Examiner Name	Lin
Sheet	1	of	2	Attorney Docket Number	960253CIP/HG



### U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		5,523,050		Lloyd et al.	6-4-1996	420   528

**RECEIVED**  
OCT 10 2002  
TC 1700

### FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No <sup>1</sup>	offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
J.H.K.		GB	2 100 613	A	Wheeldon	1-6-1983		
		JP	8-257722	A	Shibata	10-8-1996		*

Examiner Signature	<i>E. H. Lin</i>	Date Considered	5/19/03
--------------------	------------------	-----------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

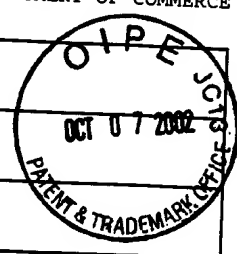
<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: **OCTOBER 7, 2002**

**\*ENGLISH LANGUAGE TRANSLATION ENCLOSED.**

Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



RECEIVED

OCT 10 2002

TC 1700

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Application Number	09/490,983
Filing Date	JANUARY 24, 2000
First Named Inventor	Mitsuru ADACHI
Group Art Unit	<del>1722</del> 1725
Examiner Name	Lin

Sheet 2 of 2

Attorney Docket Number 960253CIP/HG

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
J.H.L.		<u>Transactions of the American Foundrymen's Society</u> , Proceedings of the 64 <sup>th</sup> Annual Meeting, May 9-13, 1960; Vol. 68, pp. 691-695, "Solidification of Metals" - Summation Paper of the solidification symposium.	
		Peter MARSH, <u>New Scientist</u> , January 14, 1982, pp. 72-74, "The Die is Cast in the Metal Making Battle".	
		ZILLGEN, M. and HIRT, G., "Microstructural Effects of Electro-magnetic Stirring in Continuous Casting of Various Aluminum Alloys", <u>4<sup>th</sup> Intl. Conference on Semi-Solid Processing of Alloys and Composites</u> , pp. 180-186.	
		WOODS, A., "The Wheelon Process", <u>Modern Casting</u> , August 1967, pp. 61-63.	
		<u>Designations and Chemical Composition Limits for Aluminum Alloys in the Form of Castings and Ingot</u> , The Aluminum Association, Washington, D.C., January 1996, page 3, (specification of alloy A357).	
Examiner Signature	J. H. Lin		Date Considered 5/19/03

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: OCTOBER 7, 2002